Syllabus for Paediatrics, Child and Adolescent Psychiatry, Gynaecology and Obstetrics, and Dermatology/Venereology, Semester 10, Medical Programme, Lund University

Ladok Codes: LÄLX10 and LÄMX10

Name of Course
Paediatrics, Child and Adolescent Psychiatry, Gynaecology and Obstetrics, and Dermatology/Venereology

Credits and In-Depth Level
The course comprises 20 credits at in-depth level C.

Organization
The course constitutes the 10th semester of the medical programme and consists of a 15-week part for all students followed by breadth/in-depth studies in the form of a 5-week selective part.

Date of Adoption
This syllabus was adopted by the Committee for Biomedical, Medical and Public Health Education on 17 May, 2006. The syllabus applies as from the autumn semester, 2006.

Aims and Learning Outcomes of the Course
The syllabus is a semester-specific complement to the curriculum of the medical programme at Lund University and the two documents should be read together. (http://www.med.lu.se/lakarutbildning/om_laekarutbildningen/utbildningsplan).

The learning outcomes follow a template for cumulative, semester-based learning outcomes which was adopted by the Committee for Medical Education on 15 December, 2004. The template is available from the home page of the Faculty: (http://www.med.lu.se/utbildning/grundutbildning/laekare/core_curriculum_arbetet).

Learning outcomes are divided into two groups. The first group represent theoretical knowledge and relate to the clinical situations determined by the Committee for Biomedical, Medical and Public Health Education to be those which a recent medical graduate can be expected to come across and manage during her/his internship. The second group represent basic practical skills which the student is expected to acquire during the 10th semester. The student must be able to identify patients with symptoms/problems in the following clinical situations. With reference to these clinical situations, the student is to describe and explain (related level):

- patient management
- investigating a patient
- important differential diagnoses
- preventive and therapeutic measures
- underlying pathophysiological mechanisms

In support of student learning, the study guide gives examples of disorders/conditions connected with the clinical situations.

The central clinical situations of the course are:
- breathing difficulties
- palpable tumours
- urination disorders
- abdominal pain
- pregnancy
normal delivery/breastfeeding
menstrual problems
deviations from normal development of children
swollen abdomen
discharge (women)
skin disorders
skin colour changes
vaginal bleeding
genital pain/sore/itch
child abuse
contraceptives
pigmentation changes
itch
sweating/hot flushes
loss of libido/sexual dysfunction
hair and nail complaints
cramps
altered consciousness
fever

The clinical situations listed above will form the basis for examination (see below).

Disorders/conditions related to other clinical situations will also be studied in the course. Those situations are central to other courses and will be subject to examination mainly in those courses, or alternatively in phase examination.

Related clinical situations are:

- shock
- headache/facial pain
- heart palpitation/irregular heart rate
- fainting
- loss of strength
- ear pain
- nausea and vomiting
- diarrhoea
- acute crisis reaction
- sore throat
- cough
- blood in urine/proteinuria
- testicular pain/swollen testicle
- fatigue
- thirst/dehydration
- changes in fluid and electrolyte balance
- loss of appetite
• loss of weight
• violence/battery
• bleeding tendency
• nasal discharge
• unrest/anxiety
• involuntary movements
• sleep disturbances
• sensitivity to infections
• disturbed eating habits
• language and speech impairment
• overweight/obesity
• terminal care
• poisoning

Basic Practical Skills
The letters after each skill below denotes how that skill is going to be examined. The letter C stands for clinical practice, i.e. the students will receive feedback on whether they have attained that skill during their ward practice. P stands for portfolio, i.e. the skill is part of the course portfolio and is to be documented by the student. O stands for OSCE, which is a practical test.

On completion of semester 10, the student is expected to be able to:
• perform a physical examination of a patient, including diagnostic testing, in good contact with the patient and with respect for her or his integrity C + P
• take a medical history adequate for the clinical situation at hand C + P
• perform somatic and psychomotor examinations of children and adolescents of all ages and evaluate findings C + P
• perform an external and internal examination of a pregnant woman and evaluate findings in broad outline C + P
• auscultate foetal heart sounds C + P
• perform a gynaecological examination and evaluate findings C + P
• perform vaginal wet smear and collect cell samples in connection with gynaecological examination C + P
• analyze vaginal wet smears collected in connection with gynaecological examination C + P
• collect samples for microbiological diagnosis regarding genital infections C + P
• evaluate dermatological status C + P

Chief Contents of the Course
The chief aims of the course are that students should (1) acquire basic knowledge and skills in the fields of obstetrics & gynaecology, paediatrics, child and adolescent psychiatry (CAP), and dermatovenereology, (2) extend their general clinical competence, primarily in hospital-based out-patient care, and (3) make further preparations for life-long learning.

The core of the semester is a number of clinical situations where examination and disease management are different in character. The course therefore consists of three placements:
obstetrics & gynaecology, paediatrics (incl child and adolescent psychiatry), and dermatovenereology. To achieve the learning outcomes specified for **basic science** and **clinical competence**, theory and clinical practice are sandwiched with the students’ own clinical work under supervision. The theoretical learning outcomes are achieved through student-active teaching methods such as PBL and CASE combined with lectures.

All placements include daytime on-call duty but also opportunities for on-call duty at other times. Clinical work during the different placements is documented in an individual portfolio. There is special training in obstetrical/gynaecological/venereological examination and examination of children, emphasizing the special consideration and respect for the patient which these kinds of examination require.

To achieve the learning outcomes specified for **professional conduct**, students work both individually and in groups on questions concerning the scientific foundation for actions and ethical aspects within the core of the course.

**Social aspects on health and illness**, relevant to core situations, are considered in group work and may concern gender, cultural background, or global perspectives.

The five-week breadth/in-depth study period concluding the course, is planned by the programme management. Each individual student is to choose one selective module. By decision of the Programme Committee, there are to be three selective modules offered in each of Lund and Malmö. The purpose of the selective part of the course is to offer students an opportunity for breadth/in-depth studies of features from the part common to all students. There is to be an obvious connection between the part common to all students and the different selective modules available. The selective modules will comprise both theoretical and practical aspects.

**Scope and Methods of Examination**

Jointly for Malmö and Lund:

- Written test based on the central clinical situations and specified learning outcomes of the course (12 credits)
- Course portfolio comprising practical skills and case descriptions (3 credits). The basic practical skills defined above will be examined continuously during clinical placements.
- The selective study periods will be examined in the form of oral or written tests or reports (5 credits).

A student who fails a test is entitled to a maximum of four retests. Additional retests may be granted after special consideration.

**Grading**

Results are graded as Pass or Fail.

**Entrance Qualifications**

All courses during semesters 1-9 completed; tests through semester 7 passed

**Course Literature and Other Aids**
Comment
Theoretical knowledge and practical skills related to gynaecology are not included in this course during the autumn semester of 2006 and the spring semester of 2007, as the students in question have done gynaecology during their 8th semester. During the autumn semester of 2006, the five-week selective study period will consist of continued clinical practice in the specialities of the semester because of the reorganization of semesters 10 and 11.